

Appl. No. 10/028,726
Amdt. dated June 28, 2005
Reply to Office Action of May 6, 2005

PATENT

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1-48 (Cancelled)

49.(Previously Presented) A method of treating mammalian cancer cells lacking endogenous wild-type RB protein, which comprises introducing a wild-type RB tumor suppressing gene encoding said endogenous wild-type RB protein into said mammalian cancer cells, whereby said mammalian cancer cells' neoplastic phenotype is suppressed.

50.(Previously Presented) A method of treating mammalian cancer cells lacking endogenous wild-type RB protein comprising introducing into said mammalian cancer cells wild-type RB tumor suppressor gene derived from the same mammalian species as said mammalian cells, whereby said mammalian cells' neoplastic phenotype is suppressed.

51.(Previously Presented) A method of claim 49, wherein the mammalian cancer cells having no endogenous wild-type RB protein lacks the wild-type RB suppressor gene.

52.(Previously Presented) A method of claim 50, wherein the mammalian cancer cells having no endogenous wild-type RB protein lacks the wild-type RB suppressor gene.

53.(Previously Presented) A method of claim 49, wherein the introduction of the wild-type RB tumor suppressor gene is by retroviral infection.

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54.(Previously Presented) A method of claim 50, wherein the introduction of the wild-type RB tumor suppressor gene is by retroviral infection.

55.(Previously Presented) A method of claim 49, wherein the mammalian cancer cell is an osteosarcoma cell, retinoblastoma cell, fibrosarcoma cell, glioblastoma cell, neuroblastoma cell or breast carcinoma cell.

56.(Previously Presented) A method of claim 50, wherein the mammalian cancer cell is an osteosarcoma cell, retinoblastoma cell, fibrosarcoma cell, glioblastoma cell, neuroblastoma cell or breast carcinoma cell.